

60,130-1898; 03MRA0456

UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Kramer
Serial No.: 10/674,225
Filed: 9/29/2003
Group Art Unit: 3683
Examiner: Torres, Melanie
Title: Extended Range Hall Effect Displacement Sensor
Docket No. 60,130-1898; 03MRA0456

**RECEIVED
CENTRAL FAX CENTER
AUG 15 2005**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REQUEST FOR RECONSIDERATION

Dear Sir:

Reconsideration of the rejection mailed May 13, 2005 is requested.

All of the independent claims in this application require a magnet having at least one set of north and south poles, with an axis defined between the north and south poles. One of this magnet and a Hall effect sensor is mounted on an item movable relative to the other. Relative movement between the magnet and the sensor is along a path. The path and the axis are recited as being non-parallel.

The examiner rejects these claims over the patent to Reichl, et al.

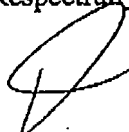
The Reichl, et al. patent, however, cannot meet the claimed limitations even as broadly outlined above. In Reichl, et al., a magnet 11 has its north and south poles spaced in a parallel direction (in fact in the exact direction) to a direction of movement R. A flux-conducting part 12

60,130-1898; 03MRA0456

has an angled surface spaced from a sensor, which may be a Hall effect sensor. However, element 12 is not the magnet. Element 11 is the magnet. All of the movement of element 11, or for that matter 12, is parallel to the direction R, and hence the axis between the north and south poles. The limitation that the path and axis are non-parallel is not met.

For the reasons set forth above, all claims are still allowable. An indication of such is requested.

Respectfully submitted,

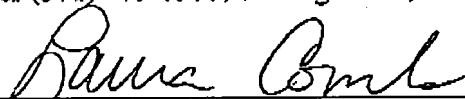


Theodore W. Olds, Reg. No. 33,080
Carlson, Gaskey & Olds
400 W. Maple Road, Ste. 350
Birmingham, MI 48009
(248) 988-8360

Dated: August 15, 2005

CERTIFICATE OF TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence is being facsimile transmitted to the United States patent and Trademark Office, fax number (571) 273-8300, on August 15, 2005.



Laura Combs